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Education Information

Post Doctorate, Hacettepe University, Temel Bilim/Tıbbi Biyoloji, Turkey 1994 - Continues

Doctorate, Hacettepe Üniversitesi, Tıp, Temel Bilim/Tıbbi Biyoloji, Turkey 1986 - 1994

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 2003 - Continues

Courses

Genom varyasyonları ve oluşum mekanizmaları, Doctorate, 2019 - 2020

Kalıtım Biyolojisi , Doctorate, 2018 - 2019

Kalıtımın temelleri, Postgraduate, 2016 - 2017

Cell organelles, Undergraduate, 2016 - 2017

Mutation, Undergraduate, 2016 - 2017

Mendellian geNETİCS, Undergraduate, 2016 - 2017

Advising Theses

Dinçer P. R. , INVESTIGATION OF POTENTIAL MECHANISMS FOR NUCLEAR TRANSPORT OF DESMIN, Doctorate, E.KURAL(Student), Continues

Dinçer P. R. , Desmin Proteinin Mekanoregülatör Rolünün Araştırılması, Doctorate, N.Düz(Student), Continues

Dinçer P. R. , Therapeutic XMU-MP-1 Application in Desma Mutant Zebrafish Model. , Postgraduate, Z.Çınar(Student), 2021

Dinçer P. R. , Investigation of the role of LAP1B in transcriptional regulation of muscle cells, Doctorate, G.KAYMAN(Student), 2021

Dinçer P. R. , Evaluation of Phenotypic Effects of Genome Editing Mediated TGFBI Variation on Zebrafish Cornea, Doctorate, F.YAYLACIOĞLU(Student), 2019

Dinçer P. R. , Limb-girdle Kas Distrofisi 2R (LGMD2R)'de Mekanotransdüksiyonun Rolünün Araştırılması, Postgraduate, Ş.Ünsal(Student), 2019

DİNÇER P. R. , Desmin ve lamin B etkileşiminin zebra balığında araştırılması, Postgraduate, E.KURAL(Student), 2017

DİNÇER P. R. , Desma ve DESMB knockout zebra balığı modellerinde desmin ifadesinin incelenmesi, Postgraduate, C.KOYUNLAR(Student), 2017

DİNÇER P. R. , Allelik heterojenitenin gözlemlendiği kas distrofilerinin biyoformatik araçlar kullanılarak araştırılması, Doctorate, A.ECE(Student), 2015

DİNÇER P. R. , Otozomal resesif limb-girdle kas distrofisi tanısı alan ailelerde yeni gen araştırılması, Postgraduate, G.KAYMAN(Student), 2014

DİNÇER P. R. , Desmin geni c.1289-2A>G mutasyonunun desmin proteinine etkisinin incelenmesi, Doctorate, N.ÇETİN(Student), 2012

DİNÇER P. R. , Limb girdle kas distrofisi fenotipinden sorumlu yeni gen araştırılması, Doctorate, H.GÜNDEŞLİ(Student), 2011

DİNÇER P. R. , C2C12 fare miyoblast hücre hattında kalıcı transfeksiyonun gerçekleştirilmesi, Postgraduate, M.DENİZ(Student), 2009

DİNÇER P. R. , Beta galaktozid alfa-2,6-siyaliltransferaz (ST6Gal1)'in Sporadik İnklüzyon Cisimcik Miyoziti (sIBM) patogenezindeki rolünün in vitro model oluşturularak araştırılması, Doctorate, B.BALCI(Student), 2008

DİNÇER P. R. , Nonsendromik işitme kaybında 2p25 kromozom bandının aday gen açısından taranması, Postgraduate, H.GÜNDEŞLİ(Student), 2006

DİNÇER P. R. , İşitme kaybından sorumlu connexin 26 (Cx26/GJB2) geni 35delG mutasyonunun populasyonumuz için atasal haplotipinin belirlenmesi, Postgraduate, B.BALCI(Student), 2002

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Knockout of zebrafish desmin genes does not cause skeletal muscle degeneration but alters calcium flux.**
Kayman Kürekçi G., Kural Mangit E., Koyunlar C., Unsal S., Saglam B., Ergin B., Gizer M., Uyanik I., Boustanabadimaralan Düz N., Korkusuz P., et al.
Scientific reports, vol.11, pp.7505, 2021 (Journal Indexed in SCI)
- II. **Physical evidence on desmin-lamin B interaction**
KURAL MANGIT E., DİNÇER P. R.
CYTOSKELETON, 2021 (Journal Indexed in SCI)
- III. **Loss of mechanosensitivity causes skeletal muscle degeneration in LGMD2R**
Unsal S., Dincer P. R.
FEBS OPEN BIO, vol.9, pp.199-200, 2019 (Journal Indexed in SCI)
- IV. **No compartment for proteins - an approach for isolating differentially located intermediate filaments**
Mangit E. K. , Dincer P. R.
FEBS OPEN BIO, vol.9, pp.424, 2019 (Journal Indexed in SCI)
- V. **LARGE expression in different types of muscular dystrophies other than dystroglycanopathy**
Balci-Hayta B., TALİM B., KALE G., Dincer P.
BMC NEUROLOGY, vol.18, 2018 (Journal Indexed in SCI)
- VI. **Gene co-expression network analysis of dysferlinopathy: Altered cellular processes and functional prediction of TOR1AIP1 a novel muscular dystrophy gene**
Cali-Daylan A. E. , Dincer P.
NEUROMUSCULAR DISORDERS, vol.27, no.3, pp.269-277, 2017 (Journal Indexed in SCI)

- VII. **Genetic analysis of CHST6 and TGFBI in Turkish patients with corneal dystrophies: Five novel variations in CHST6**
TUNCAY F. Y. , KUREKCI G. K. , Ergun S. G. , Pasaoglu O. T. , Akata R. F. , DİNÇER P. R.
MOLECULAR VISION, vol.22, pp.1267-1279, 2016 (Journal Indexed in SCI)
- VIII. **Proinflammatory effect of AbetaPP induced ST6GAL1 secretion from C2C12 myogenic cell line**
HAYTA B., ERDEM ÖZDAMAR S., Dincer P.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.1, pp.31-36, 2015 (Journal Indexed in SCI)
- IX. **Response (to Sewry and Goebel).**
Kayman-Kurekci G., Korkusuz P., Dincer P. R.
Neuromuscular disorders : NMD, vol.24, pp.1122, 2014 (Journal Indexed in SCI Expanded)
- X. **Mutation in TOR1AIP1 encoding LAP1B in a form of muscular dystrophy: A novel gene related to nuclear envelopathies**
Kayman-Kurekci G., TALİM B., KORKUSUZ P., Sayar N., Sarioglu T., Oncel I., Sharafi P., Gundesli H., Balci-Hayta B., PURALI N., et al.
NEUROMUSCULAR DISORDERS, vol.24, no.7, pp.624-633, 2014 (Journal Indexed in SCI)
- XI. **A novel desmin mutation leading to autosomal recessive limb-girdle muscular dystrophy: distinct histopathological outcomes compared with desminopathies.**
Cetin N., Balci-Hayta B., Gundesli H., KORKUSUZ P., PURALI N., TALİM B., Tan E., Selcen D., Erdem-Ozdamar S., Dincer P. R.
Journal of medical genetics, vol.50, no.7, pp.437-43, 2013 (Journal Indexed in SCI Expanded)
- XII. **Coexistence of two distinct intragenic dystrophin deletions in two maternal cousins with Duchenne Muscular Dystrophy**
Balci-Hayta B., TALİM B., Dincer P., Topaloglu H.
NEUROMUSCULAR DISORDERS, vol.23, no.1, pp.15-18, 2013 (Journal Indexed in SCI)
- XIII. **An efficient method for stable transfection of mouse myogenic C2C12 cell line using a nonviral transfection approach**
Akyuz M. D. , Hayta B., Dincer P. R.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.5, pp.821-825, 2011 (Journal Indexed in SCI)
- XIV. **BRIEF REPORT A Dystroglycan Mutation Associated with Limb-Girdle Muscular Dystrophy**
Hara Y., Balci-Hayta B., Yoshida-Moriguchi T., Kanagawa M., de Bernabe D. B. , Gundesli H., Willer T., Satz J. S. , Crawford R. W. , Burden S. J. , et al.
NEW ENGLAND JOURNAL OF MEDICINE, vol.364, no.10, pp.939-946, 2011 (Journal Indexed in SCI)
- XV. **Overexpression of amyloid beta precursor protein enhances expression and secretion of ST6Gal1 in C2C12 myogenic cell line.**
BALCI-HAYTA B., Erdem-Ozdamar S., DINCER P. R.
Cell biology international, vol.35, no.1, pp.9-13, 2011 (Journal Indexed in SCI Expanded)
- XVI. **Mutation in exon 1f of PLEC, leading to disruption of plectin isoform 1f, causes autosomal-recessive limb-girdle muscular dystrophy.**
Gundesli H., TALİM B., KORKUSUZ P., Balci-Hayta B., Cirak S., Akarsu N. A. , Topaloglu H., Dincer P. R.
American journal of human genetics, vol.87, no.6, pp.834-41, 2010 (Journal Indexed in SCI Expanded)
- XVII. **Efficient transfection of mouse-derived C2C12 myoblasts using a matrigel basement membrane matrix.**
Balci B., Dinçer P. R.
Biotechnology journal, vol.4, pp.1042-5, 2009 (Journal Indexed in SCI Expanded)
- XVIII. **Eosinophilic myositis in calpainopathy: Could immunosuppression of the eosinophilic myositis alter the early natural course of the dystrophic disease?**
Oflazer P. S. , Gundesli H., ZORLUDEMİR S., Sabuncu T., Dincer P.
NEUROMUSCULAR DISORDERS, vol.19, no.4, pp.261-263, 2009 (Journal Indexed in SCI)
- XIX. **Linkage Analysis in a Large Primary Osteoporosis Family**
Balci B., Yildiz B. O. , Ofir R., Dincer P., BAYRAKTAR M.

TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.33, no.4, pp.215-222, 2008 (Journal Indexed in SCI)

- XX. **Prenatal diagnosis of muscle-eye-brain disease**
Balci B., Morris-Rosendahl D. J. , Celebi A., Talim B., Topaloglu H., Dincer P. R.
PRENATAL DIAGNOSIS, vol.27, no.1, pp.51-54, 2007 (Journal Indexed in SCI)
- XXI. **Calpain-3 mutations in Turkey**
Balci B., Aurino S., Haliloglu G., Talim B., Erdem S., Akcoren Z., Tan E., Caglar M., Richard I., Nigro V., et al.
EUROPEAN JOURNAL OF PEDIATRICS, vol.165, no.5, pp.293-298, 2006 (Journal Indexed in SCI)
- XXII. **Identification of an ancestral haplotype of the 35delG mutation in the GJB2 (connexin 26) gene responsible for autosomal recessive non-syndromic hearing loss in families from the Eastern Black Sea region in Turkey**
Balci B., Gerceker F., Aksoy S., Sennaroglu G., Kalay E., Sennaroglu L., Dincer P. R.
TURKISH JOURNAL OF PEDIATRICS, vol.47, no.3, pp.213-221, 2005 (Journal Indexed in SCI)
- XXIII. **An autosomal recessive limb girdle muscular dystrophy (LGMD2) with mild mental retardation is allelic to Walker-Warburg syndrome (WWS) caused by a mutation in the POMT1 gene**
Balci B., Uyanik G., Dincer P. R. , Gross C., Willer T., Talim B., Haliloglu G., Kale G., Hehr U., Winkler J., et al.
NEUROMUSCULAR DISORDERS, vol.15, no.4, pp.271-275, 2005 (Journal Indexed in SCI)
- XXIV. **A novel form of recessive limb girdle muscular dystrophy with mental retardation and abnormal expression of alpha-dystroglycan**
Dincer P. R. , Balci B., Yuva Y., Talim B., Brockington M., Dincel D., Torelli S., Sue B., Kale G., Haliloglu G., et al.
NEUROMUSCULAR DISORDERS, vol.13, no.10, pp.771-778, 2003 (Journal Indexed in SCI)
- XXV. **A large consanguineous osteoporosis family with 20 affected individuals**
Dincer P. R. , YILDIZ O. B. , Balci B., Bayraktar M.
BONE, vol.28, no.5, 2001 (Journal Indexed in SCI)
- XXVI. **A homozygous nonsense mutation in delta-sarcoglycan exon 3 in a case of LGMD2F**
Dincer P. R. , Bonnemann C., Aker O., Akcoren Z., Nigro V., Kunkel L., Topaloglu H.
NEUROMUSCULAR DISORDERS, vol.10, pp.247-250, 2000 (Journal Indexed in SCI)
- XXVII. **A cross section of autosomal recessive limb-girdle muscular dystrophies in 38 families**
Dincer P. R. , Akcoren Z., Demir E., Richard I., Sancak O., Kale G., Ozme S., Karaduman A., Tan E., Urtizberea J., et al.
JOURNAL OF MEDICAL GENETICS, vol.37, no.5, pp.361-367, 2000 (Journal Indexed in SCI)
- XXVIII. **Heterogeneity within subgroups of the autosomal recessive limb girdle muscular dystrophy in Turkey.**
Dincer P. R. , Akcoren Z., Demir E., Richard I., Sancak O., Kale G., Ozme S., Tan E., Urtizberea J., Beckmann J., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.65, no.4, 1999 (Journal Indexed in SCI)
- XXIX. **Prenatal diagnosis of limb-girdle muscular dystrophy type 2C.**
Dinçer P. R. , Piccolo F., Leturcq F., Kaplan J. C. , Jeanpierre M., Topaloğlu H.
Prenatal diagnosis, vol.18, pp.1300-3, 1998 (Journal Indexed in SCI Expanded)
- XXX. **DNA diagnostic tests in Xp21 dystrophy families for prenatal diagnosis.**
Dinçer P. R. , Topaloğlu H., Ayter S.
The Turkish journal of pediatrics, vol.40, pp.347-55, 1998 (Journal Indexed in SCI Expanded)
- XXXI. **Calpain-3 deficiency causes a mild muscular dystrophy in childhood**
Topaloglu H., Dincer P. R. , Richard I., Akcoren Z., Alehan D., Ozme S., Caglar M., Karaduman A., Urtizberea J., Beckmann J.
NEUROPEDIATRICS, vol.28, no.4, pp.212-216, 1997 (Journal Indexed in SCI)
- XXXII. **A biochemical, genetic, and clinical survey of autosomal recessive limb girdle muscular dystrophies in Turkey**
Dincer P. R. , Leturcq F., Richard I., Piccolo F., Yalnizoglu D., deToma C., Akcoren Z., Broux O., Deburgrave N., Brenguier L., et al.
ANNALS OF NEUROLOGY, vol.42, no.2, pp.222-229, 1997 (Journal Indexed in SCI)
- XXXIII. **Correlation of laboratory and clinical findings with the location of Xp21 deletion in Duchenne muscular dystrophy.**

- Taşdemir H. A. , Topaloğlu H., Dinçer P. R. , Göğüş S., Kotiloğlu E., Ozdirim E., Yalaz K.
The Turkish journal of pediatrics, vol.39, pp.317-24, 1997 (Journal Indexed in SCI Expanded)
- XXXIV. **Multiple independent molecular etiology for limb-girdle muscular dystrophy type 2A patients from various geographical origins**
Richard I, Brenguier L., Dincer P., Roudaut C., Bady B., Burgunder J., Chemaly R., Garcia C., Halaby G., Jackson C., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.60, no.5, pp.1128-1138, 1997 (Journal Indexed in SCI)
- XXXV. **Identification of muscle-specific calpain and beta-sarcoglycan genes in progressive autosomal recessive muscular dystrophies**
Beckmann J., Richard I., Broux O., Fougereousse F., Allamand V., Chiannikulchai N., Lim L., Duclos F., Bourg N., Brenguier L., et al.
NEUROMUSCULAR DISORDERS, vol.6, no.6, pp.455-462, 1996 (Journal Indexed in SCI)
- XXXVI. **Molecular deletion patterns in Turkish Duchenne and Becker muscular dystrophy patients**
Dincer P. R. , Topaloglu H., Ayter S., Ozguc M., Tasdemir H., Renda Y.
BRAIN & DEVELOPMENT, vol.18, no.2, pp.91-94, 1996 (Journal Indexed in SCI)
- XXXVII. **GOOD CLINICAL OBSERVATION IS ESSENTIAL BEFORE MOLECULAR STUDIES**
TOPALOGLU H., TAN E., DINCER P. R. , ERDEM S., AKCOREN Z.
LANCET, vol.346, no.8988, pp.1490, 1995 (Journal Indexed in SCI)
- XXXVIII. **An unusual case of Duchenne muscular dystrophy.**
Topaloğlu H., Dinçer P. R. , Göğüş S., Ayter S., Topçu M.
Brain & development, vol.15, pp.313-5, 1993 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Could autosomal dominant TGFBI-related corneal dystrophies be modelled in zebrafish by using CRISPR/Cas9: Challenges and Possibilities**
Yaylacioğlu Tuncay F., Dinçer P. R.
World Journal of Ophthalmology and Vision Research, vol.1, no.3, pp.1-13, 2019 (Refereed Journals of Other Institutions)
- II. **Genome Editing Technologies: From Bench Side to Bedside**
Yaylacioğlu Tuncay F., Dinçer P. R.
Acta Medica, vol.49, no.3, pp.30-40, 2018 (National Refreed University Journal)
- III. **Gestational Outcomes of Pregnant Women Who Have Had Invasive Prenatal Testing for the Prenatal Diagnosis of Duchenne Muscular Dystrophy**
BEKSAÇ M. S. , TANAÇAN A., AYDIN HAKLI D., ÖRGÜL G., SOYAK B., HAYTA B., Dincer P., Topaloglu H.
JOURNAL OF PREGNANCY, vol.2018, 2018 (Journal Indexed in ESCI)
- IV. **INHERITANCE OF ACQUIRED EPIGENETIC MODIFICATIONS AND ITS ROLE IN DISEASE SUSCEPTIBILITY**
Kayman Kürekçi G., Dinçer P. R.
İstanbul Tıp Fakültesi Dergisi, vol.80, no.1, pp.45-53, 2017 (National Refreed University Journal)
- V. **INHERITANCE OF ACQUIRED EPIGENETIC MODIFICATIONS AND ITS ROLE IN DISEASE SUSCEPTIBILITY**
KUREKCI G. K. , BUNSUZ M., Onal G., DINCER P. R.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGISI, vol.80, no.1, pp.45-53, 2017 (Journal Indexed in ESCI)
- VI. **Exome Sequencing for The Identification of Mendelian Disease Genes**
KAYMAN KÜREKÇİ G., Dincer P.
ERCIYES MEDICAL JOURNAL, vol.36, no.4, pp.139-143, 2014 (Journal Indexed in ESCI)
- VII. **Next-Generation DNA Sequencing Technologies**
KAYMAN KÜREKÇİ G., Dincer P.

ERCIYES MEDICAL JOURNAL, vol.36, no.3, pp.99-103, 2014 (Journal Indexed in ESCI)

VIII. **The new era in therapeutic approaches: Non-coding RNAs and diseases**

AKKAYA ULUM Z. Y. , Dincer P.

MARMARA MEDICAL JOURNAL, vol.26, no.1, pp.5-10, 2013 (Journal Indexed in ESCI)

IX. **Pitfall of identifying a disease locus by using low-resolution SNP arrays.**

Gundesli H., Cirak S., Dincer P. R.

Journal of molecular and genetic medicine : an international journal of biomedical research, vol.5, pp.264-5, 2010
(Refereed Journals of Other Institutions)

X. **Beta-sarcoglycan gene mutations in Turkey.**

Balci B., Wilichowski E., Haliloğlu G., Talim B., Aurino S., Kremer E., Ebinger F., Senbil N., Anlar B., Kale G., et al.
Acta myologica : myopathies and cardiomyopathies : official journal of the Mediterranean Society of Myology,
vol.23, pp.154-8, 2004 (Refereed Journals of Other Institutions)

Books & Book Chapters

I. **Human Molecular Genetics**

Dinçer P. R. (Editor)

CRC, Ghent, Belgium , Ankara, 2020

II. **Molecular biology of the cell**

Dinçer P. R. , Altungöz O., Akçalı K. C. , Çirakoğlu A., Engin E., Erdal Ş. E. , Eresen Yazıcıoğlu Ç., Inhan Garip A., Güner G., Gürsel İ., et al.

Tuba Kitabevi, Ankara, 2008

III. **THOMPSON & THOMPSON TIBBİ GENETİK**

Dinçer P. R. , Alikasıfoğlu M. (Editor)

Güneş Kitabevi, Ankara, 2005

IV. **Obstetrik Maternal-Fetal Tıp & Perinatoloji**

Dinçer P. R. , Beksaç M. S. (Editor), Demir N. (Editor), Koç A. (Editor), Yüksel A. (Editor)

NOBEL, Ankara, 2001

V. **Kas Distrofilerinin Moleküler Patolojisindeki Son Gelişmeler**

Dinçer P. R.

in: Obstetrik Maternal-Fetal Tıp & Perinatoloji, MEHMET SİNAN BEKSAÇ, Editor, Nobel Yayın Dağıtım, Ankara,
pp.188-210, 2001

VI. **Fetal Tıp: Prenatal Tanı**

Dinçer P. R. , Alikasıfoğlu M., Alpay M., Altay Ç., Ataç F. B. , Aytepe N., Ayter Ş., Balci S., Beksaç M., Beksaç M. S. , et al.
Medical Network & Nobel, Ankara, 1996

Refereed Congress / Symposium Publications in Proceedings

I. **TGFBI geninde genom düzenleme tekniği ile oluşturulan varyasyonların zebra balığı korneasındaki fenotipik etkilerinin incelenmesi**

Yaylıoğlu Tuncay F., Dinçer P. R.

53. Türk Oftalmoloji Derneği Ulusal Kongresi, Antalya, Turkey, 06 November 2019

II. **Defining the role of mechanotransduction in limb-girdle muscular dystrophy type 2R**

Ünsal Ş., Kural Mangıt E., Koyunlar C., Kayman Kürekçi G., Ergin B., Sağlam B., Puralı N., Dinçer P. R.

Mechanical Forces in Biology (EMBO-EMBL Symposia), Heidelberg, Germany, 12 - 15 July 2017

III. **Creating Rare Disease Specific CRISPR-Cas9 Platforms in Zebrafish and Ensuring Their Sustainability in Hacettepe University Zebrafish Research Laboratory: Challenges in mimicking missense variants**

Yaylıoğlu Tuncay F., Kural Mangıt E., Kayman Kürekçi G., Güntekin Ergün S., Dinçer P. R.

2nd Zebrafish Workshop, Turkey, Ankara, Turkey, 18 March 2021, pp.7

- IV. **Characterization of zebrafish desmin orthologs and incomplete penetrance in CRISPR/Cas9-generated stable knockouts**
Kayman Kürekçi G., Kural Mangit E., Sağlam B., Ergin B., Uyanık İ., Korkusuz P., Talim B., Puralı N., Dinçer P. R.
The 2nd Zebrafish Workshop in Turkey, İzmir, Turkey, 18 March 2021
- V. **Effect of MST1/2 kinase inhibitor on LGMD2R phenotype**
Güntekin Ergün S., Dinçer P. R.
14. Ulusal Tıbbi Genetik Kongresi, Ankara, Turkey, 20 - 22 November 2020, pp.56
- VI. **TGFBI geninde Genom Düzenleme Tekniği ile Oluşturulan Varyasyonların Zebra Balığı Korneasındaki Fenotipik Etkilerinin İncelenmesi**
Yaylacioğlu Tuncay F., Talim B., Dinçer P. R.
14. Ulusal Tıbbi Genetik Kongresi, Ankara, Turkey, 20 - 22 November 2020, pp.57-58
- VII. **OSTEOPOROSIS PSEUDOGLIOMA SYNDROME DUE TO LRP5 GENE MUTATION**
Güntekin Ergün S., Gümüş-Akay G., Ergün M. A. , Perçin F. E. , Dinçer P. R.
2. Genetikte Güncel Tedaviler, Konya, Turkey, 5 - 06 October 2019, pp.3
- VIII. **Cells lacking LAP1B are defective in withdrawal from the cell cycle during myogenic differentiation.**
Kayman Kürekçi G., Acar A. C. , Dinçer P. R.
XVI. Congress of the Medical Biology and Genetics Society of Turkey, Muğla, Turkey, 27 October 2019, pp.5
- IX. **Intramuscular drug application in zebrafish**
Çinar Z., Dinçer P. R.
Moleküler Biyoloji Derneği 7.Uluslararası Kongresi, İstanbul, Turkey, 27 September 2019
- X. **Loss of mechanosensitivity causes skeletal muscle degeneration in LGMD2R**
Ünsal Ş., Dinçer P. R.
44th FEBS Congress, Krakow, Poland, 6 - 11 July 2019
- XI. **Limb-Girdle Muscular Dystrophy 2R modelling in zebrafish to determine a novel mechanism related to desmin-lamin B interaction**
KAYMAN KÜREKÇİ G., KURAL MANGIT E., ÜNSAL Ş., YERSAL N., ERGİN B., SAĞLAM B., DÜZ N., ÇINAR Z., TALİM B., KORKUSUZ P., et al.
Keystone Symposia, 11 - 15 November 2018
- XII. **Hacettepe University Zebrafish Research Laboratory: Rare diseases modeling in zebrafish by using genome editing tools**
Kural E., Kurekci G. K. , Koyunlar C., Tuncay F. Y. , Unsal S., Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.987
- XIII. **Analysing the expression profiles of human DES orthologous desma and desmb by using knockout zebrafish models**
Koyunlar C., Kayman-Kurekci G., Kural E., Talim B., Puralı N., Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.618
- XIV. **Modeling of a unique desmin mutation in zebrafish by using genome editing brings new insights into desmin function**
Kurekci G. K. , Koyunlar C., Kural E., Talim B., Ergin B., Unsal S., Puralı N., Korkusuz P., Ozdamar S. E. , Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.427
- XV. **Myogenic Differentiation and Fusion Defects in Myoblasts Lacking LAP1B**
Kayman Kürekçi G., Dinçer P. R.
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 05 September 2018, vol.1, pp.162
- XVI. **Disease Modeling in Zebrafish: Limb-Girdle Muscular Dystrophy 2R**
ÜNSAL Ş., KAYMAN KÜREKÇİ G., KURAL MANGIT E., TALİM B., YERSAL N., ERGİN B., DÜZ N., ÇINAR Z., KORKUSUZ P., PURALI N., et al.
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- XVII. A novel method for monitoring Ca²⁺ transients in zebrafish muscle fibers**
Ergin B., Sağlam B., Ünsal Ş., Puralı N., Dinçer P. R.
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- XVIII. Rare disease modeling by genome editing tools in zebrafish**
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15. Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 October 2017, pp.149
- XIX. Modeling LGMD2R in Zebrafish Using Genome Editing Tools**
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- XX. LGMD2R disease modeling in zebrafish by genome editing tools**
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Mammalian Genetics and Genomics: From Molecular Mechanisms to Translational Applications, Heidelberg, Germany, 24 - 27 October 2017
- XXI. In vivo targeted mutagenesis via CRISPR/Cas9 and TALEN in zebrafish enables rapid screening of candidate rare diseases genes**
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42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.171
- XXII. Desmin Mutation with an ultra rare and unique phenotype: Genome editing for a patient specific zebrafish model**
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- XXIII. Modeling of a unique desmin mutaion in zebrafish by using genome editing brings new insights into desmin function**
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- XXIV. Co-expression Network of a Rare Disease: Significant Genes in Dysferlinopathy and Functional Prediction of TOR1AIP1**
Daylan A., Dinçer P. R.
Rare and Undiagnosed Diseases: Discovery and Models of Precision Therapy (Keystone Symposia), Massachusetts, United States Of America, 3 - 08 May 2017
- XXV. Hacettepe University Zebrafish Research Laboratory: zebrafish disease modeling by genome editing tools**
KURAL E., KAYMAN-KUREKCI G., KOYUNLAR C., DİNÇER P. R.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.116
- XXVI. Activation of the mitochondrial unfolded protein response pathway in C2C12 myoblast cell line**
Aksu Mengeş E., Talim B., Dinçer P. R. , Hayta B.
ESHG, Barcelona, Spain, 21 May 2016, pp.15
- XXVII. A novel mutation in the desmin gene DES cause an autosomal recessive form of limb girdle muscular dystrophy type 2R without clear cut desminopathy pathology.**
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- XXVIII. Çekirdek zarfı hastalıkları ile ilişkili yeni bir gen: TOR1AIP1 ve kas distrofisi**
Dinçer P. R.
14. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 October 2015, pp.23
- XXIX. Histopathological characteristics of muscular dystrophy caused by mutation in the nuclear envelope protein LAP1B**
Kayman Kürekçi G., Talim B., Korkusuz P., Hayta B., Puralı N., Dinçer P. R.
7th UK Conference on the Nuclear Envelope in Disease and Chromatin Organization, Sheffield, England, 22 June

2015

- XXX. **A Novel Nuclear Envelopathy-Related Gene: Mutation In Tor1aip1 Encoding Lap1b Causes Muscular Dystrophy**
Dinçer P. R.
Türkiye Moleküler Biyoloji Derneği 3. Uluslararası Kongresi, İzmir, Turkey, 11 September 2014, pp.15
- XXXI. **Torsin A-interacting protein 1/Lamina-associated polypeptide 1B in a form of limb-girdle muscular dystrophy: a novel gene related to nuclear envelopathies**
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18. International Meeting of the World Muscle Society, California, United States Of America, 05 October 2013, pp.64
- XXXII. **Reduction of LARGE expression in different types of muscular dystrophies other than dystroglycanopathy**
Balci-Hayta B., Talim B., Topaloglu H., Kale G., Dincer P. R.
18th International Congress of the World-Muscle-Society (WMS), California, United States Of America, 1 - 05 October 2013, vol.23, pp.780
- XXXIII. **A novel desmin mutation causes autosomal recessive limb girdle muscular dystrophy without features of myofibrillar myopathy**
Cetin N., Balci-Hayta B., Gundesli H., KORKUSUZ P., PURALI N., TALİM B., Tan E., Selcen D., Erdem-Ozdamar S., DİNÇER P. R.
18th International Congress of the World-Muscle-Society (WMS), California, United States Of America, 1 - 05 October 2013, vol.23, pp.851-852
- XXXIV. **Inflammatory effect of AbetaPP induced ST6Gal1 secretion from myogenic cell line**
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16th International Congress of the World-Muscle-Society, Algarve, Portugal, 18 - 22 October 2011, vol.21, pp.746
- XXXV. **Mutation screening of CAPN3 gene in 13 Turkish LGMD2A patients**
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- XXXVIII. **Autosomal recessive limb-girdle muscular dystrophies (LGMD2s) in Turkey**
Balci B., Talim B., Akcoeren Z., Caglar M., Kale G., Topaloglu H., Dincer P.
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- XXXIX. **Consanguinity and neuromuscular disorders in Turkey**
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- XL. **The first prenatal diagnosis in Muscle-Eye-Brain Disease**
Balci B., Celebi A., Talim B., Dincer P., Topaloglu H.
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- XLI. **Muscle pathology in childhood cases of calpainopathy**
Talim B., Dincer P. R., Richard I., Aurino S., Akcoren Z., Haliloglu G., Kale G., Leturcq F., Nigro V., Topaloglu H.
9th International Congress of the World-Muscle-Society, Goteborg, Sweden, 1 - 04 September 2004, vol.14, pp.605
- XLII. **Autosomal recessive limb-girdle muscular dystrophy with severe mental retardation: a new phenotype with glycosylation defects of alpha-dystroglycan**
Dincer P. R., Balci B., Yuva Y., Talim B., Brockington M., Dincel D., Gerceker F., Haliloglu G., Atalay R., Yakicier C., et al.
7th International Congress of the World-Muscle-Society, Rotterdam, Netherlands, 2 - 05 October 2002, vol.12,

Supported Projects

- Dinçer P. R. , Uyanık İ., H2020 Project, System identification of the dynamics of multisensory integration, 2021 - 2023
- Dinçer P. R. , Güntekin Ergün S., Talim B., Yaylacioğlu Tuncay F., TUBITAK Project, CRISPR/Cas9 Aracılığıyla LRP5 Mutant Zebra Balığı Oluşturularak Oküler Gelişim Patolojisinin İncelenmesi , 2021 - 2022
- DİNÇER P. R. , Çinar Z., Project Supported by Higher Education Institutions, Desma Mutant Zebra Balığı Modelinde Tedavi Amaçlı XMU-MP-1 Uygulaması, 2018 - 2021
- HAYTA B., PEYNİRCİOĞLU B., AKSU E., ÖZMEN M., AKKAYA ULUM Z. Y. , TOPALOĞLU H. A. , YARIM-YÜKSEL M., DİNÇER P. R. , DAYANGAÇ ERDEN D., BAKIR-GÜNGÖR B., et al., Project Supported by Higher Education Institutions, Nöromusküler Hastalıklarda Hedefe Yönelik Tedavide Mitokondriyal Mikro RNA Biyobelirteçlerinin Tanımlanması, 2017 - 2021
- DİNÇER P. R. , ÖNAL G., ÜNSAL Ş., SARA M. Y. , KURAL E., KAYMAN KÜREKÇİ G., YAYLACIOĞLU TUNCAY F., KESİKLİ B., ÇİNAR Z., DÜZ N., Project Supported by Higher Education Institutions, Nadir Hastalıklara Özgün CRISPR-Cas9 Platformlarının Zebra Balığında Oluşturulması ve Sürdürülebilirliğinin Sağlanması, 2017 - 2021
- Dinçer P. R. , Kural Mangit E., Kayman Kürekçi G., Sara M. Y. , Project Supported by Higher Education Institutions, Nadir Hastalıklara Özgün CRISPR-Cas9 Platformlarının Zebra Balığında Oluşturulması ve Sürdürülebilirliğinin Sağlanması, 2017 - 2021
- DİNÇER P. R. , KURAL MANGIT E., ÜNSAL Ş., Project Supported by Higher Education Institutions, Desmin ve Lamin B Proteinlerinin Etkileşim Partnerlerinin Yüksek Çözünürlüklü Kütle Spektroskopisi Kullanılarak Araştırılması, 2018 - 2020
- DİNÇER P. R. , KORKUSUZ P., TALİM B., ERDEM ÖZDAMAR S., KURAL E., Kayman Kürekçi G., KOYUNLAR C., Project Supported by Higher Education Institutions, Nadir Hastalıklar ve Yeni Tedavi Yaklaşımları: Ülkemiz için Fırsatlar ve Zorluklar, 2016 - 2016
- DİNÇER P. R. , KORKUSUZ P., Kayman Kürekçi G., TALİM B., Project Supported by Higher Education Institutions, "LAP1B nüklear proteininde saptanan mutasyonun neden olduğu kas distrofisinin histopatolojik özellikleri", 2015 - 2016
- DİNÇER P. R. , TUBITAK Project, Korneal stromal distrofi tanısı alan hastalarda genetik varyasyonların araştırılması, 2014 - 2016
- DİNÇER P. R. , Project Supported by Higher Education Institutions, Desmin mutasyonunun protein işlevi üzerindeki etkisinin zebra balığı modelinde araştırılması, 2014 - 2015
- DİNÇER P. R. , KARABULUT E., TALİM B., HAYTA B., TUBITAK Project, LIMB GIRDLE KAS DİSTROFİSİ FENOTİPİNDEN SORUMLU YENİ GEN ARAŞTIRILMASI, 2012 - 2015
- Dinçer P. R. , Ayter Ş., Project Supported by Higher Education Institutions, Investigation of LARGE gene expression in different muscular dystrophies, 2011 - 2012
- Dinçer P. R. , Project Supported by Higher Education Institutions, C2C12 hücre hattı kullanılarak nonviral metotla kalıcı transfeksiyon , 2009 - 2010
- Dinçer P. R. , TUBITAK Project, Osteoporoz Tanısı Alan Geniş Bir Ailede Moleküler Genetik Analizlerle Sorumlu Genin Saptanması, 2008 - 2009

Memberships / Tasks in Scientific Organizations

- Medical Biology and Genetics Association, Member, 2019 - Continues, Turkey
- Nöromusküler Hastalıklar Araştırma Derneği, Member, 2016 - Continues, Turkey
- Türkiye Sağlık Enstitüleri Başkanlığı, Member, 2016 - Continues, Turkey
- Medical Genetics Association, Member, 2015 - Continues, Turkey
- American Society of Human Genetics, Member, 2010 - Continues, United States Of America
- World Muscle Society, Member, 2000 - Continues, England
- Human Genome Organization, Member, 2000 - Continues, United States Of America

Tasks In Event Organizations

Dinçer P. R. , 2. Zebra balığı Çalıştayı, Workshop Organization, Turkey, Mart 2021

Dinçer P. R. , Hastalıkların Modellenmesinde Zebra balığı Kullanımı Çalıştayı, Workshop Organization, Ankara, Turkey, Nisan 2018

Dinçer P. R. , CRISPR/Cas9 Uygulamaları Kursu, Workshop Organization, Ankara, Turkey, Kasım 2016

Mobility Activity

Improving Competencies and Qualifications, Get Education, University of London-Kings College London, England, 2014 - 2014

Edit Congress and Symposium Activities

Molbiyokon18, Working Group, İzmir, Turkey, 2019

The 44th FEBS Congress, Working Group, Krakow, Poland, 2019

The 44th FEBS Congress, Attendee, Krakow, Poland, 2019

Qatar International Zebrafish Workshop, Invited Speaker, Ad-Dawhah, Qatar, 2019

17. Ulusal Sinirbilim Kongresi, Invited Speaker, Trabzon, Turkey, 2019

Molbiyokon18, Working Group, İzmir, Turkey, 2019

Molbiyokon18, Working Group, İzmir, Turkey, 2019

6th International Congress of the Molecular Biology Association of Turkey, Working Group, İzmir, Turkey, 2018

The Use Of Zebrafish In Disease Modeling Workshop, Invited Speaker, Ankara, Turkey, 2018

Genetikte Güncel Tedaviler, Invited Speaker, Eskişehir, Turkey, 2017

42nd Febs Congress, Working Group, Yerushalayim, Israel, 2017

Mechanical Forces In Biology (embo-embl Symposia), Working Group, Heidelberg, Germany, 2017

10th European Zebrafish Meeting, Working Group, Budapest, Hungary, 2017

Eshg Conference, Working Group, Kobenhavn, Denmark, 2017

Keystone Symposia Rare And Undiagnosed Diseases, Working Group, Massachusetts, United States Of America, 2017

Rare And Undiagnosed Diseases: Discovery And Models Of Precision Therapy (keystone Symposia), Working Group, Massachusetts, United States Of America, 2017

Kök Hücre Günü, Invited Speaker, Ankara, Turkey, 2016

Kök Hücre Günü, Invited Speaker, Ankara, Turkey, 2016

XII. TIBBİ GENETİK KONGRESİ, Invited Speaker, İzmir, Turkey, 2016

COLD SPRING HARBOR LABORATORY MEETING, Invited Speaker, New York, United States Of America, 2016

Cshl Meetinggenomeengineering: The Crispr/cas Revolution, Working Group, New York, United States Of America, 2016

7TH UK MEETING OF THE NUCLEAR ENVELOPE IN DISEASE AND CHROMATIN ORGANIZATION, Attendee, Wolverhampton, England, 2016

II. NADİR NÖROLOJİK HASTALIKLAR SEMPOZYUMU, Invited Speaker, İstanbul, Turkey, 2016

XIV. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ , Invited Speaker, Muğla, Turkey, 2015

XIV. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ, Invited Speaker, Muğla, Turkey, 2015

AMERICAN SOCIETY OF HUMAN GENETICS ANNUAL MEETING, Attendee, California, United States Of America, 2014

TÜRKİYE MOLEKÜLER BİYOLOJİ DERNEĞİ 3. ULUSLARARASI KONGRESİ, Attendee, İzmir, Turkey, 2014

Citations

Total Citations (WOS):756

h-index (WOS):12

Invited Talks

Could Autosomal Dominant Tgfb-related Corneal Dystrophies Be Modelled In Zebrafish By Using Crispr/cas9: Challenges And Possibilities, Workshop, University of Qatar, Qatar, April 2019

Rare disease modelling in zebrafish by using genome editing tools: Limb girdle muscular dystrophy 2R as an example, Workshop, University of Qatar, Qatar, April 2019

Yeni nesil gen tedavileri: Nadir nöromusküler hastalıklarda prelinik ve klinik uygulamalar, Conference, Karadeniz Teknik Üniversitesi, Turkey, April 2019

CRISPR/Cas9-mediated knockout for modeling rare disorders and testing novel candidate genes in zebrafish, Workshop, University of Qatar, Qatar, April 2019

Nadir Hastalıklarda CRISPR/Cas9 ile Tedavi, Conference, Tıbbi Genetik Derneği , Turkey, February 2019

Yeni Nesil Gen Tedavileri: Hedefli Genom Düzenleme, Conference, Ondokuz Mayıs Üniversitesi, Turkey, March 2018

Genom Düzenleme Araçları: CRISPR/Cas9, Conference, Eskişehir Osmangazi Üniversitesi, Turkey, November 2017

Gen Fonksiyonları Analizleri, Seminar, İstanbul Bilim Üniversitesi, Turkey, November 2016

Genom Düzenleme, Conference, Hacettepe Üniversitesi, Turkey, November 2016

Hastalıkların Modellenmesinde ve Tedavisinde Genom Düzenleme Teknolojileri, Conference, Ankara Üniversitesi, Turkey, November 2016

Genom Düzenleme Araçlarının Hastalık Modeli Oluşturulmasında Kullanımları, Conference, Tıbbi genetik derneği, Turkey, October 2016

Rare diseases and new therapy modalities Challenges and opportunities in Turkey, Conference, CSHL Meeting Genome Engineering: The CRISPR/CasRevolution, United States Of America, August 2016

Geni bulduk. Ya sonra? Genden fonksiyona Müsküler Distrofi modeli, Conference, Türk nöroloji derneği, Turkey, June 2016

Bireye özgül hastalık modellerinin oluşturulmasında zebra balığı ve genom düzenleme araçlarının kullanılması, Conference, Tıbbi biyoloji ve genetik derneği, Turkey, October 2015